



We appreciate  
the accolades...  
but the real winners  
are the consumers!

## PA Series

With constant demands for higher power, today's amps need to run cooler with increased output, and fit into smaller packages for easier installation in today's vehicles. The answer to this dilemma is the new Class 'T' design from Tripath Technologies.

This new technology allows Blaupunkt amps to provide all of the **sonic advantages** of conventional Class AB designs, combined with the high **power efficiencies** and **low heat dissipation** of Class D designs. With this newly patented, single-chip solution we are able to generate 2-4 times the power from a comparable sized amp, but with far less heat. Up to only 25% of the heat generated by conventional amplifiers. Blaupunkt Class-T amplifiers run so cool they can even be encased in a **plastic housing**. Looks cool, runs cool!



[www.blaupunkt.com](http://www.blaupunkt.com)

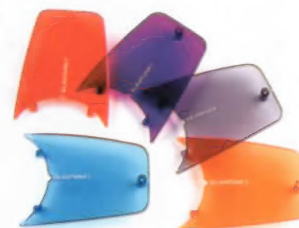
 **BLAUPUNKT**

The advantage in your car.



# PA Series Amplifiers

- Concept merges computer microprocessor inside a class 'D' driver chip thus creating "class D with brains"
- Tripath class 'T' 40-80% efficiency and usable as full-range amp, 20Hz-20kHz
- Only 1/3 the waste heat is generated (on average) compared to a good class 'AB' amplifier design
- 2 times the same power can be installed in a vehicle without changing the charging system
- Only 1/3 the heatsink is needed to wick away the heat for similar power as class 'AB' amp
- 1/2 the current draw is needed compared to class 'AB'
- Much smaller footprint for amp
- 2 ohm stable (stereo mode)
- High/Low pass crossover
- RCA & high level input
- Remote gain control
- Much less heat



	PA275	PA2100	PA2150	PA2200	PA4100
Part Number	F00E430005	F00E430006	F00E430007	F00E430008	F00E430009
Size (W x D x H mm) External Housing	200 x 190 x 67	200 x 190 x 67	265 x 250 x 67	265 x 250 x 67	265 x 250 x 67
Size (W x D x H mm) Internal Amp.	172 x 147 x 46	172 x 147 x 46	225 x 200 x 46	225 x 200 x 46	225 x 200 x 46
Class - AB / A / D / T	T	T	T	T	T
Type	2/1 ch, bridgeable	2/1 ch, bridgeable	2/1 ch, bridgeable	2/1 ch, bridgeable	4/3/2 ch, bridgeable
Technology	Tripath MOSFET output	Tripath MOSFET output	Tripath MOSFET output	Tripath MOSFET output	Tripath MOSFET output
Power (rms)	2 x 75 Watts	2 x 100 Watts	2 x 150 Watts	2 x 200 Watts	4 x 100 Watts
Power (rms) Bridged	1 x 200 Watts	1 x 300 Watts	1 x 400 Watts	1 x 500 Watts	2 x 250 Watts
Power (max)	2 x 100 Watts	2 x 150 Watts	2 x 200 Watts	2 x 250 Watts	4 x 150 Watts
Power (max) Bridged	1 x 250 Watts	1 x 400 Watts	1 x 500 Watts	1 x 600 Watts	2 x 300 Watts
Frequency Response	20-50,000 Hz	20-50,000 Hz	20-50,000 Hz	20-50,000 Hz	20-50,000 Hz
Input Signal VRMS	0.3-6.0	0.3-6.0	0.3-6.0	0.3-6.0	0.3-6.0
Signal/Noise Ratio (@ full rated power)	>100	>100	>100	>100	>100

All information subject to change without notice.

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